

**PRELIMINARY DRAFT - February 20, 1997**

**PAINT REMOVER or STRIPPER  
(Aerosol and Non-aerosol)**

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**Preliminary Draft VOC Limit: 30% by weight**

**I. Product Definition:**

"Paint Remover or Stripper" is any product that is designed to strip or remove paints or other related coatings, by chemical action, from a substrate without markedly affecting the substrate. Paint remover or stripper includes products which may raise the grain on wood substrates during the removal of the paints or coatings. Paint remover or stripper does not include paint brush cleaner and products comprised solely of muriatic acid (hydrochloric acid).

**II. Typical Formulations of Complying Products (Category 840):**

*Disclaimer: The following sample formulations for complying products are not intended to be complete formulations. Air Resources Board staff realize that consumer product formulations are often complex mixtures that require extensive testing to optimize. The sample formulations are intended to illustrate the approximate proportions of compounds that may be used to formulate a consumer product that meets the draft volatile organic compound limits for the Mid-term Measures.*

**A. Aerosol Products**

**1. Water-based formulation:**

<b>Wt. %</b>	<b>Ingredient</b>
60-70	Water
15-20	VOC Propellant
15-20	LVP VOC's

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2. Non-VOC solvent based formulation: \*

<b>Wt. %</b>	<b>Ingredient</b>
65-70	MeCl
5-10	LVP VOC's
10-15	VOC Propellant
8-12	VOC's

3. Exempt compound based formulation:

<b>Wt. %</b>	<b>Ingredient</b>
40-50	Acetone
1-5	Water
1-5	Exempts
0-1	Inorganics
15-20	Non-VOC Propellant
20-30	VOC's

B. Non-aerosols

1. Water-based formulation: \*

<b>Wt. %</b>	<b>Ingredient</b>
70-80	Water
20-30	LVP VOC's

\* As seen in our 1995 Mid-term Measures Survey

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2. VOC solvent based formulation:

<b>Wt. %</b>	<b>Ingredient</b>
45-50 (VOC content 20-22%)	VOC: Solvent Continuous Microemulsion
20-25	Acetone
5-10	LVP VOC's
5-10	VOC's
10-20	Water

3. Non-VOC solvent based formulation: \*

<b>Wt. %</b>	<b>Ingredient</b>
70-80	MeCl
5-15	VOC's
10-20	LVP VOC's

\* As seen in our 1995 Mid-term Measures Survey